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PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. NC 82,774

First Inventor or Application Identifier Michael L. Picciolo

Title Pseudo-Median Cascaded Cancellor

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 33]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
[Total Pages 1]
4. Oath or Declaration [Total Pages 1]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patent
Box Patent Application
Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement of Attorney
(when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ * Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: /

Prior application information: Examiner

Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

26384

or ☐ Correspondence address below

(Insert Customer No. and attach bar code label here)

Name					
Address	Code 1008.2, Naval Research Laboratory 4555 Overlook Ave., S.W.				
City	Washington	State	D.C.	Zip Code	20375-5389
Country	USA	Telephone		Fax	202-404-7380

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182
Signature		Date	7/2/97

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	not yet assigned
Filing Date	
First Named Inventor	Michael L. Picciolo
Examiner Name	not yet assigned
Group Art Unit	not yet assigned
Attorney Docket No.	82,774

TOTAL AMOUNT OF PAYMENT (\$) 942.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-0281
Deposit Account Name: Naval Research Laboratory

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Description	Fee Paid
		101 710 201 355	Utility filing fee	710
		106 320 206 160	Design filing fee	
		107 490 207 245	Plant filing fee	
		108 710 208 355	Reissue filing fee	
		114 150 214 75	Provisional filing fee	

SUBTOTAL (1) \$ 710

2. EXTRA CLAIM FEES

Total Claims: 24
Independent Claims: 5
Multiple Dependent: 19

Extra Claims: 4
Fee from below: 16
Fee Paid: 72

3* = 2
Fee Paid: 160

Large Entity	Small Entity	Fee Code (\$)	Fee Description
103 18 203 9			Claims in excess of 20
102 80 202 40			Independent claims in excess of 3
104 270 204 135			Multiple dependent claim, if not paid
109 80 209 40			* Reissue independent claims over original patent
110 18 210 9			Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 232

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Description	Fee Paid
105 130 205 65			Surcharge - late filing fee or oath	
127 50 227 25			Surcharge - late provisional filing fee or cover sheet	
139 130 139 130			Non-English specification	
147 2,520 147 2,520			For filing a request for ex parte reexamination	
112 920* 112 920*			Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*			Requesting publication of SIR after Examiner action	
115 110 215 55			Extension for reply within first month	
116 390 216 195			Extension for reply within second month	
117 890 217 445			Extension for reply within third month	
118 1,390 218 695			Extension for reply within fourth month	
128 1,890 228 945			Extension for reply within fifth month	
119 310 219 155			Notice of Appeal	
120 310 220 155			Filing a brief in support of an appeal	
121 270 221 135			Request for oral hearing	
138 1,510 138 1,510			Petition to institute a public use proceeding	
140 110 240 55			Petition to revive - unavoidable	
141 1,240 241 620			Petition to revive - unintentional	
142 1,240 242 620			Utility issue fee (or reissue)	
143 440 243 220			Design issue fee	
144 600 244 300			Plant issue fee	
122 130 122 130			Petitions to the Commissioner	
123 50 123 50			Petitions related to provisional applications	
126 240 126 240			Submission of Information Disclosure Stmt	
581 40 581 40			Recording each patent assignment per property (times number of properties)	
146 710 246 355			Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710 249 355			For each additional invention to be examined (37 CFR § 1.129(b))	
179 710 279 355			Request for Continued Examination (RCE)	
169 900 169 900			Request for expedited examination of a design application	

Other fee (specify) _____

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Telephone	202-404-1552
Signature		Date	4/2/01		

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